

NOVEMBER / DECEMBER 2012

2013 CALENDAR

OUTDOORS

THE DNR'S MAGAZINE OF CONSERVATION AND RECREATION





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IOWA OUTDOORS

NOVEMBER / DECEMBER 2012 • VOLUME 71 • ISSUE 6

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DNR MISSION

To conserve and enhance our natural resources in cooperation with individuals and organizations to improve the quality of life for Iowans and ensure a legacy for future generations.

EDITORIAL MISSION

We strive to open the door to the beauty and uniqueness of Iowa's natural resources, inspire people to get outside and experience Iowa and to motivate outdoor-minded citizens to understand and care for our natural resources.

MAKE A DIFFERENCE

The DNR volunteer program matches volunteers with natural resource service needs statewide. Give back to Iowa's lands, waters and skies. Call 515-242-5074 to match your interests with needs or visit www.keepersoftheland.org.

HOW TO DONATE

Charitable giving of land, funds, and goods and services greatly enhances Iowa's outdoor living. Contact: Kim Rasler at 515-281-7122

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Support wildlife diversity and REAP by taking your license plates and vehicle registration to your county treasurer's office to buy a natural resources plate. Choose from a pheasant, eagle, goldfinch, deer or trout.

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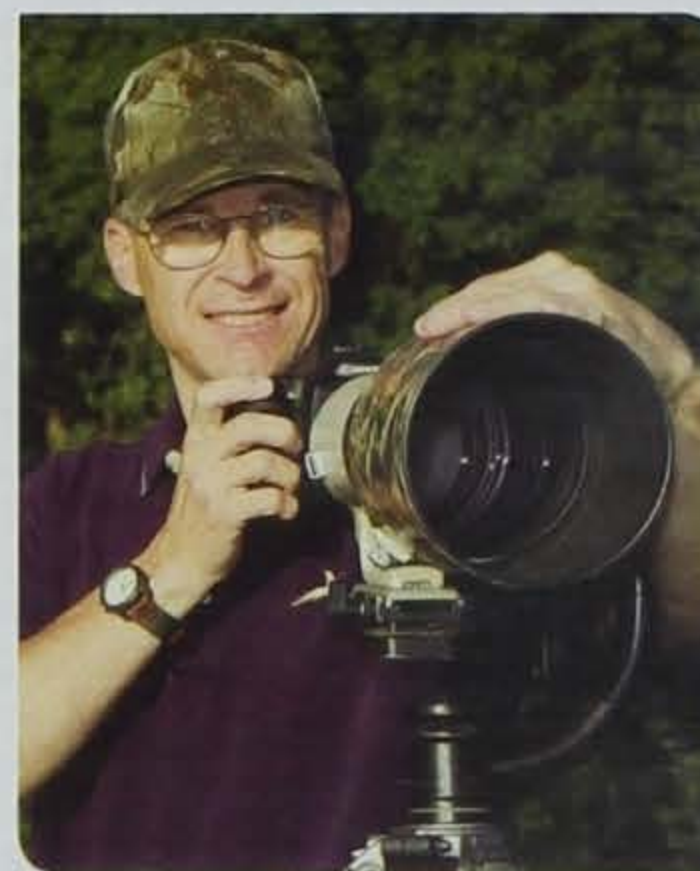
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Contributors



STAN BUMAN has experienced many spectacular wildlife events through photos. He has photographed wildlife across the nation, but focuses in his home state of Iowa. Nature inspires, thrills and rejuvenates him. Stan is also part owner of Agren, Inc., an agricultural and environmental consulting firm. See more of his work at fencelinephotos.com.



RON HULSE

of Knoxville has spent nine years photographing wildlife, insects and birds near Lake Red Rock when not cycling, hiking or volunteering. An avid paddler, he also helps find sponsors to introduce osprey locally and raises awareness of siltation at the reservoir.

DNR STAFF PHOTOGRAPHERS

CLAY SMITH witnesses some of Iowa's best images from behind his video and camera lenses. A professional photographer for more than 30 years, including 14 as videographer and producer for Iowa Public Television, he spent the last 14 as staff photographer for *Iowa Outdoors* and www.iowadnr.gov. He lives in Urbandale with his wife, Gayle.



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Footprints in the Sand - 00008
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Just Bee w/verse "Bee Kind" - 00386
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Lightning Strikes - 00178
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Baby Owls - 00457
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Tulips - 00458
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Spirit of America - 00442
Leather Cover and Labels - 00442



Garden Graces w/verse "Live well, laugh often, love much!" - 00172
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Thomas Kinkade's Country Escapes - 00162
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The LORD is My Shepherd w/psalm "The LORD is my shepherd; I shall not want." - 00353
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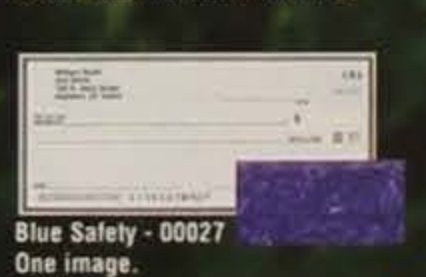
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Faithful Friends - Pug w/verse "You look at me with eyes of love" - 00098
One image. Leather Cover and Labels - 00098

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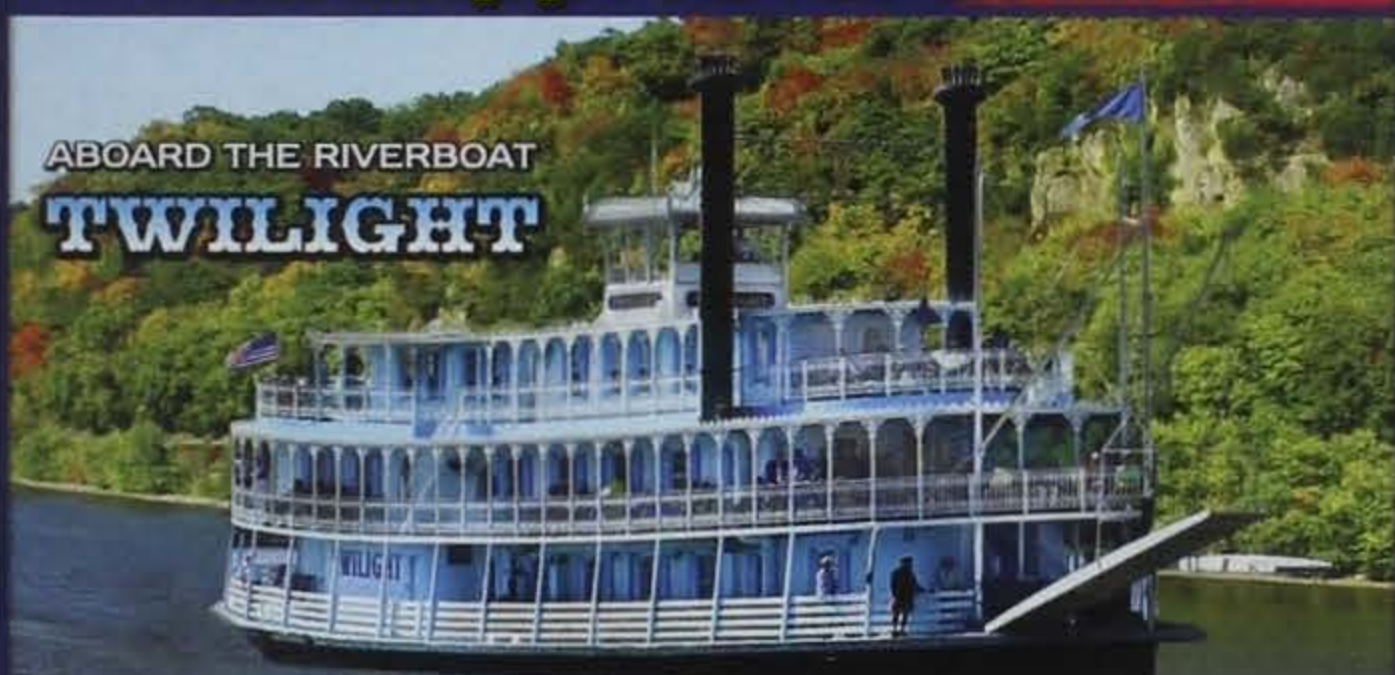


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2012 DECEMBER

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
	A frosty morning at Big Creek State Park in Polk County. -BY CLAY SMITH	 13 MONTH CALENDARS AVAILABLE FOR ONLY \$5 				1																																																																																				
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			First shotgun deer season closes	Duck season closes in the north zone	Pearl Harbor Remembrance Day	First shotgun deer season opens Muskie season closes on Iowa Great Lakes																																																																																				
9	10	11	12	13	14	15																																																																																				
Hanukkah begins		White-fronted goose season closes in the north zone	Geminid meteor shower Dec. 13-14	Duck season closes in the south zone	Christmas Bird Count through Jan. 5; audubon.org	2013 hunting and fishing licenses go on sale																																																																																				
16	17	18	19	20	21	22																																																																																				
Last day of Hanukkah Second shotgun deer season closes	Late split deer and fall turkey bow season reopens Late muzzleloader deer season begins	White-fronted goose season closes in the south zone		Duck season closes in the Missouri River zone	Winter solstice—first day of winter																																																																																					
23	24	25	26	27	28	29																																																																																				
	Nonresident antlerless deer holiday season, Dec. 24 - Jan. 2.	White-fronted goose season closes in the Missouri River zone Christmas																																																																																								
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	New Year's Eve Ring in the New Year at Honey Creek Resort. For event details call 877-677-3344.			ON THE COVER A Labrador retriever at field trials at Lake Red Rock in Marion County. -BY RON HUELSE																																																																																						

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HARDWOODS	SIZES	PRICE PER 100 TREES	QUANTITY /SIZE
Aspen, Quaking	8-16" 17-24"	\$37 \$52	
Basswood	8-16" 17-24"	\$40 \$55	
Black Cherry	8-16" 17-24"	\$37 \$52	
Black Walnut	8-16" 17-24"	\$40 \$55	
Cottonwood	14" Cutting 12" Rooted Cutting	\$37 \$37	
Hackberry	8-16" 17-24"	\$37 \$52	
Hickory Shagbark	6-12"	\$40	
Hickory Shellbark	6-12"	\$40	
Hybrid Poplar	14" Cutting 12" Rooted Cutting	\$37 \$37	
Hybrid Willow	14" Cutting 12" Rooted Cutting	\$37 \$37	
Kentucky Coffeetree	8-16" 17-24"	\$37 \$52	
Maple, Silver	8-16" 17-24"	\$37 \$52	
Maple, Sugar	8-16" 17-24"	\$37 \$52	
Northern Pecan	8-16" 17-24"	\$40 \$55	
Oak, Black	8-16" 17-24"	\$40 \$55	
Oak, Bur	8-16" 17-24"	\$40 \$55	
Oak, Mixed	8-16" 17-24"	\$40 \$55	
Oak, Pin	8-16" 17-24"	\$40 \$55	
Oak, Red	8-16" 17-24"	\$40 \$55	
Oak, Swamp White	8-16" 17-24"	\$40 \$55	
Oak, White	8-16" 17-24"	\$40 \$55	
River Birch	8-16" 17-24"	\$37 \$52	
Sycamore	8-16" 17-24"	\$37 \$52	

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Concolor Fir	8-16" 17-24"	\$25 \$40	
Norway Spruce	8-16" 17-24"	\$25 \$40	
White Spruce	8-16" 17-24"	\$25 \$40	
Eastern White Pine	8-16" 17-24"	\$25 \$40	
Jack Pine	8-16" 17-24"	\$25 \$40	
Red Pine	8-16" 17-24"	\$25 \$40	
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Arrowwood	8-16" 17-24"	\$40 \$55	
Black Chokeberry	8-16" 17-24"	\$40 \$55	
Buttonbush	8-16" 17-24"	\$40 \$55	
Chokecherry	8-16" 17-24"	\$40 \$55	
Dogwood, Gray	8-16" 17-24"	\$37 \$52	
Dogwood, Redosier	8-16" 17-24"	\$37 \$52	
Dogwood, Silky	8-16" 17-24"	\$37 \$52	
Hazelnut	8-16" 17-24"	\$40 \$55	
Highbush Cranberry	8-16" 17-24"	\$40 \$55	
Nannyberry	8-16" 17-24"	\$40 \$55	
Ninebark	8-16" 17-24"	\$40 \$55	
Redbud, American	8-16" 17-24"	\$40 \$55	
Serviceberry	8-16" 17-24"	\$40 \$55	
Wild Plum	8-16" 17-24"	\$40 \$55	

PACKET TYPE	PRICE	QUANTITY
Turkey Packet	\$110	
Pheasant Packet	\$110	
Quail Packet	\$110	
Songbird Packet	\$20	
Create-a-Packet	\$110	1. 2. 3. 4.

Shipping Cost:

8-16" - \$5 per 100	17-24" - \$10 per 100
Out of state orders may require additional shipping charges.	

Fall shipments start the last week in October and spring start the first week in April. We reserve the right to limit the amount of trees shipped per week. Orders must be paid in full before shipping.

Payment: Please send no money now, an invoice will be mailed to you. Payments for fall orders are due by October 15, 2012 and payments for spring orders are due by **March 15, 2013**. **Checks, Discover, Visa and MasterCard are accepted.**

Shortages: We do our best to estimate a saleable inventory but due to the nature of a natural product we may run short. We reserve the right to offer you a refund or substitution.

IOWA STATE FOREST NURSERY
2404 South Duff Ave. | Ames, IA 50010-8037

P: 800.865.2477 | F: 515.233.1131

www.iowatreeplanting.com



10th Annual Project AWARE July 7-14, 2012 Iowa River

85 miles on the Iowa River (Dows to Marshalltown)
60 Tons of trash (86% of which was recycled)
105 sponsors • 387 participants



A BIG THANK YOU TO THESE SPONSORS AND TO OUR VOLUNTEERS!
WE COULDN'T DO IT WITHOUT ALL OF YOU!

PLATINUM PADDLE SPONSORS

Bridgestone Americas - One Team, One Planet
• Community Foundation of Marshall County
• Franklin County Conservation Board • Hardin County
Community Endowment Foundation • Hardin County
Conservation Board • IIHR - Hydroscience &
Engineering, The University of Iowa • Iowa DNR -
IOWATER, Rivers Programs • Iowa Flood Center
• Iowa River Greenbelt Resource Trust • Martha-Ellen
Tye Foundation • McDowell & Sons Contractors
• Rock-n-Row Adventures • Scenic City Civic Foundation
• State Hygienic Laboratory at The University of Iowa

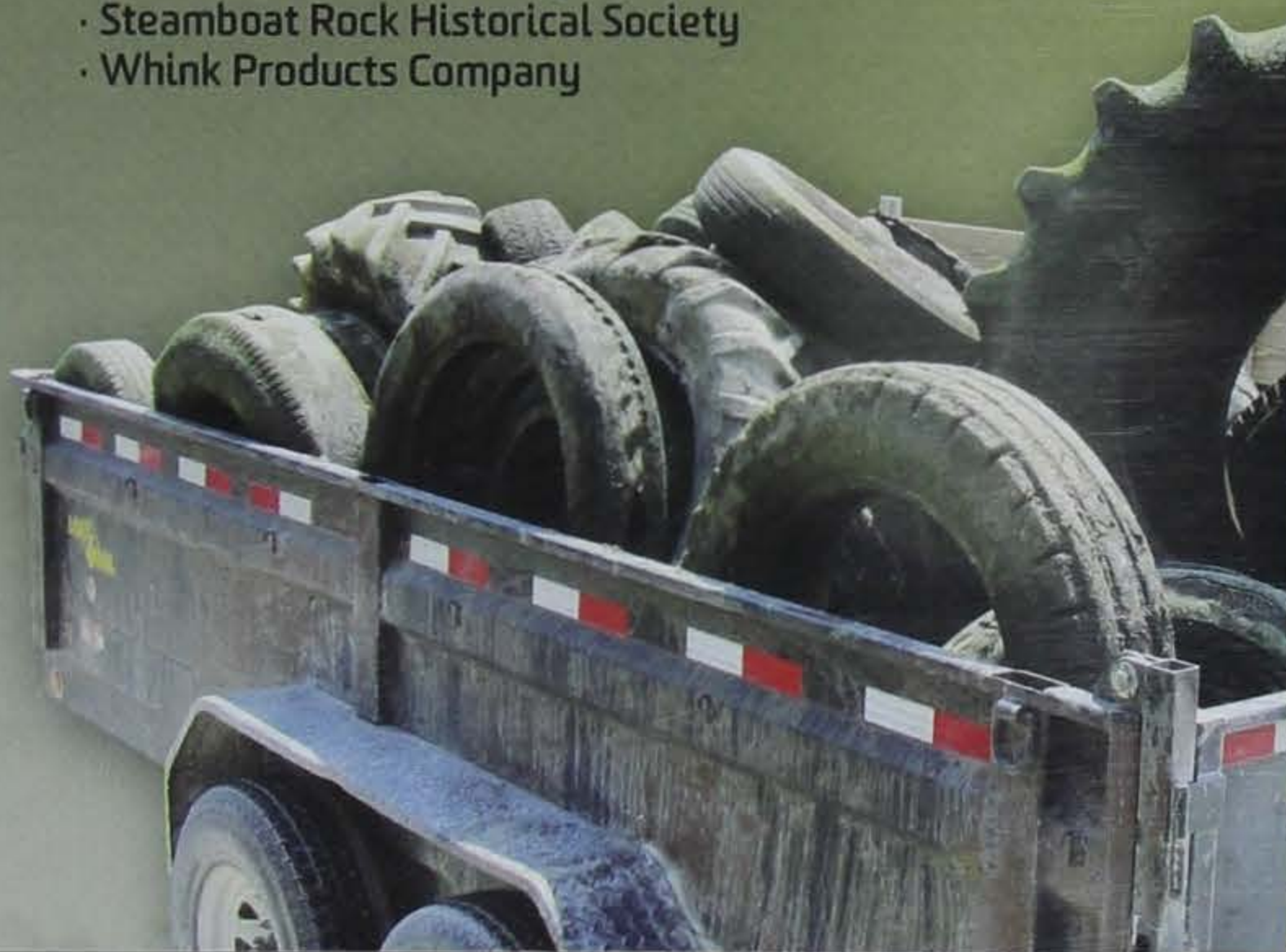
SILVER STERN SPONSORS

City of Iowa Falls • City of Marshalltown • Ellsworth
Community College • Flint Hills Resources • Hy-Vee, Inc.
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• Plastic Recycling of Iowa Falls, Inc. • Riverbend Middle
School - Iowa Falls Community School District
• Solid Waste Management Commission of Marshall
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www.iowaprojectaware.com





T A N T I A D K

2013 JANUARY

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
	Look for bald eagles feeding below dams and open water areas	New Year's Day Annual New Year's Day paddle below Saylorville Dam, Polk County		Fox squirrels begin to mate Quadrantids meteor shower peaks Jan. 3-4	Canada goose, brant season closes in north zone	
6	7	8	9	10	11	12
				Pheasant, late muzzleloader deer and archery deer and turkey seasons close 2012 hunting and fishing licenses expire	January antlerless deer season begins Canada goose, brant season closes in south zone	1912 State record low temperature set in Washta, -47°
13	14	15	16	17	18	19
Light goose season closes in north zone		Domestic rainbow trout spawning peaks	Mid-winter bald eagle and migratory bird counts begin	Canada goose, brant season closes tomorrow in Missouri River zone Light goose season closes tomorrow in south and Missouri River zones	Night of Comedy at Honey Creek Resort State Park, 1-877-677-3344	Light goose Conservation Order begins
20	21	22	23	24	25	26
January antlerless deer season closes	Martin Luther King Jr. Day	Fox and coyote mating season begins (mid- to late January)	Registration for DNR hunting and conservation camps begins. iowadnr.gov			
27	28	29	30	31		
Bridal and Prom Expo at Honey Creek Resort State Park, 1-877-677-3344	Aerial deer survey runs into February		Search woods for shed antlers	Quail, partridge, ruffed grouse, squirrel and trapping (excluding beaver) seasons close		



A male cardinal rests during a gentle snowfall.
-BY RON HUELSE

29th Annual Bald Eagle Appreciation Days
January 19-20, 2013

KEOKUKIOWATOURISM.ORG
800-383-1219

KEOKUK
IOWA
KEOKUK AREA CONVENTION AND TOURISM BUREAU

DECEMBER 2012

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FEBRUARY

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2013 FEBRUARY

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																											
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	Great horned owls are on the nest in early February.		Bald eagles are staking territories and building nests.			1934 work began on the Zebulon Pike Lock and Dam in Dubuque Groundhog Day																																																																																											
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1996 State record low temperature tied in Elkader, -47°			Cardinals and chickadees begin singing mating calls.		Valentine's Day/Murder Mystery Dinner at Honey Creek Resort State Park, 1-877-677-3344																																																																																												
10	11	12	13	14	15	16																																																																																											
2010 Earthquake felt in eastern Iowa		1875 Meteor strikes near Amana, leaving 800 pounds of meteorites Mardi Gras	Bobcat mating begins Ash Wednesday	Valentine's Day	Great Backyard Bird Count Feb. 15-18 www.birdsource.org/gbbc Walleye season closed on Iowa Great Lakes																																																																																												
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	1909 Wallace Stegner, prominent author and conservation voice, born at Lake Mills Presidents Day		Permanent ice fishing shelters must be removed from state lakes unless deadline is extended.	Chorus frogs begin singing as soon as ice goes out.	Turkey vultures return when snow melts and carcasses become visible.																																																																																												
24	25	26	27	28																																																																																													
Can reserve campsites for Memorial Day weekend; 1-877-IAPARKS or iowastateparks.reserveamerica.com		1846 William F. "Buffalo Bill" Cody born near LeClaire	Although ice fishing slows, river fishing is excellent for walleyes in open water below dams.	Cottontail hunting season ends.																																																																																													
	An adult bald eagle below the Red Rock Lake dam. -BY RON HUELSE				<div>JANUARY</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table> <div>MARCH</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>		S	M	T	W	T	F	S			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
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W A D C T

2013 MARCH

IOWA
OUTDOORS

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 <p><i>Hepatica is among the first wildflowers to appear in the spring</i> -BY RON HUELSE</p>					1	2																																																																																					
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				<i>Woodcock mating display flights begin</i>	<i>Northern pike netting begins after ice-out on Mississippi River and Iowa Great Lakes</i>																																																																																						
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<i>Owls will be on nestlings</i> Daylight saving time starts	<i>Look for blooming pasque flowers</i>	<i>Cottontails may be seen courting—jumping airborne and chasing mates under the moonlight</i>	<i>Spring peeper frogs may begin calling in eastern and southeast Iowa</i>		<i>Dogs prohibited on all state-owned game management areas until July 15</i>																																																																																						
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St. Patrick's Day	<i>Last year, 34 morel mushrooms found near Keokuk; about a month earlier than expected</i>	<i>Spring tree planting can begin if frost is gone from ground</i>	Vernal equinox - first day of spring	<i>1961 Iowa Legislature chooses the oak as Iowa's official tree</i> <i>Listen for gobbling wild turkeys</i>	<i>Watch for coyote pups in wild areas</i>	<i>Take photos of woodland Dutchman's breeches and dogtooth violets in bloom</i>																																																																																					
24	25	26	 27	28	29	30																																																																																					
		<i>After ice-out, migratory waterfowl return</i>	<i>Beavers begin making scent mounds of piled mud, grass and sticks coated with scent oils near ponds</i>																																																																																								
31		    <p>HELP THEM STAY WILD <i>Learn how and when to help.</i> Iowa WildlifeCenter www.iowawildlifecenter.org</p>				<p>FEBRUARY</p> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr><tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td></td><td></td></tr></table>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			<p>APRIL</p> <table><tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr><tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr><tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr></table>	S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
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Easter Sunday 1933 President Franklin Roosevelt signs the bill to create the Civilian Conservation Corps																																																																																											



2013 APRIL

IOWA
OUTDOORS

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	Weekly trout stocking begins April Fools' Day	DNR's deer and raccoon spotlight surveys typically begin	Running water available in campgrounds around mid-month, after threat of frost gone	Reserve campsites for Fourth of July weekend; 1-877-IAPARKS or iowastateparks.reserveamerica.com Full waterfowl migration typically underway	Youth turkey seasons runs tomorrow through April 14	1982 Iowa's latest subzero temperature recorded, -9°F at Manchester Prairie Chicken Festival at Kellerton Bird Conservation Area, Ringgold County																																																																																											
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	Walleye gill netting underway	Safety education classes begin; check out www.iowadnr.gov for dates and locations	Gosling hatch begins this time of year	1954 Iowa Conservation Commission launches first-in-the-nation TV show "Outdoor Shop Talk" produced by staff	Turkeys on nests incubating eggs																																																																																												
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2010 Wisconsin meteor lights up northern Iowa skies Watch water areas for return of shorebirds	Light goose conservation order ends First turkey season runs through the 18th	Reserve camp sites and cabins; iowastateparks.reserveamerica.com or 1-877-IAPARKS	Deer shed winter coats Eagle hatch begins	Look for fox pups in wild areas	Second turkey season runs through the 23rd	Watch Lyrids meteor shower April 21-22 in absence of moonlight for good viewing																																																																																											
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Hike southern Iowa woods for mores	1980 Iowa's earliest official 100° day recorded at Fort Dodge and Waterloo 43rd Earth Day Anniversary	American toad begins singing	Third turkey season runs through April 30	Save money and reduce emissions—install compact fluorescent lightbulbs	Arbor Day Plant a shade tree on south or west side of home to reduce cooling bills	Around wetlands, look for return of garter snakes from hibernation																																																																																											
28	29	30																																																																																															
Saturn closest to Earth tonight for best views	Catfish begin biting on dead fish in warm, shallow waters	Iowa income taxes due: Support wildlife—check the Fish and Wildlife Fund box on your tax form	Pheasants and quail begin nesting																																																																																														
	A hooded merganser drake on display. -BY STANLEY BUMAN																																																																																																
					<p>MARCH</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							<p>MAY</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>	S	M	T	W	T	F	S					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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A small, fluffy yellow bird with reddish-brown streaks on its back is perched on a green stem with pink flowers. The bird has a black eye and a small beak. The background is a solid green color.



2013 JUNE

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 <p>Two white-tailed deer fawns keep a watchful eye for potential threats. —BY STANLEY BUMAN</p>		<p>Herons nesting Get started on REAP private cost-share grants for city and county conservation</p>			<p>Quail and turkeys hatching</p>	<p>1833 Iowa Territory opened for settlement</p>
<p>2</p> <p>1860 Worst tornado in Iowa history kills 141, injures 329 from Hardin to Clinton counties</p>	<p>3</p>	<p>4</p> <p>DNR biologists begin breeding bird surveys</p>	<p>5</p> <p>Listen for singing bullfrogs and tree frogs Watch urban skies for return of night hawks</p>	<p>6</p> <p>Peak of songbird nesting is June through July</p>	<p>7</p> <p>Lewis and Clark Festival June 7-9 at Lewis and Clark State Park in Onawa Free Fishing Days through Sunday</p>	<p>8</p>
<p>9</p> <p>Channel catfish and largemouth bass spawning; fish riprap with a ball of night crawlers for catfish</p>	<p>10</p> <p>Turtles begin laying eggs</p>	<p>11</p> <p>Save energy and money—have air conditioners serviced</p>	<p>12</p>	<p>13</p> <p>2008 Cedar River at Cedar Rapids crests at 19.12 feet above flood stage and 11.12 feet above previous record crests set in 1929 and 1851</p>	<p>14</p> <p>Flag Day 1998 Official one-day precipitation record set with 13.18-inch rain in Atlantic</p>	<p>15</p>
<p>16</p> <p>Father's Day</p>	<p>17</p> <p>1673 Marquette and Joliet come to the Mississippi River</p>	<p>18</p>	<p>19</p> <p>Outdoor Journey for Girls at Springbrook Conservation Education Center, June 19-21 515-281-5918 or iowadnr.gov</p>	<p>20</p>	<p>21</p> <p>Summer solstice—first day of summer</p>	<p>22</p>
<p>23</p> <p>Canada goose banding begins through early July</p>	<p>24</p>	<p>25</p>	<p>26</p> <p>Hunting and Conservation Camp for boys at Springbrook Conservation Education Center June 26-28, 641-747-8383 or iowadnr.gov</p>	<p>27</p>	<p>28</p> <p>Lakes begin to stratify by temperature. In lakes 20 feet deep, a thermocline will form around 10 feet devoid of oxygen below that line. In deeper lakes, the thermocline will be around 15 feet. Fishing below the thermocline is fruitless. TIP: Contour maps and depth finders will help locate the thermocline</p>	<p>29</p> <p>Make sure to clean boats, trailers and equipment after outings to prevent spread of aquatic nuisance species</p>
<p>30</p>						



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MAY

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JULY

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2013 JULY

IOWA
OUTDOORS

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		July is peak nesting time for goldfinch, the state bird	Cut cooling bills—close curtains on sunny sides of house	Turkey brood survey begins through August Independence Day		Project AWARE river clean-up; dates and location TBA; iowaprojectaware.com; 515-205-8587																																																	
7	8	9	10	11	12	13																																																	
	American Wilderness Leadership School, Springbrook Conservation Education Center, July 8-12 641-747-8383 or iowadnr.gov	Ramadan begins	Save fuel by checking vehicle tire pressure			Fourth annual Christmas in July at Backbone State Park in Delaware County																																																	
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		Dogs allowed back on state-owned game management areas	Take kids hiking to look for fawns			Check out what's going on at Mines of Spain State Recreation Area, 563-556-0620																																																	
21	22	23	24	25	26	27																																																	
	Eighty percent of game fish can be found in 20 percent of a stream; move often to find fish		Hunting and Conservation Camp for Boys, Springbrook Conservation Education Center, July 24-26, 641-747-8383 or iowadnr.gov 2010 Lake Delhi Dam fails on Maquoketa River after 10-13 inch rainfall within 24 hours	1936 State record high temperature set in Atlantic and Logan at 117°F		Take kids streamwalking																																																	
28	29	30	31																																																				
Search prairies for blazing stars in bloom			Low stream flows; catfishing easiest in streams using cheese baits																																																				
	A prairie area in the Four Mile Lake Complex in Emmet County. —BY CLAY SMITH				<div>JUNE</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>		S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
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2013 AUGUST

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
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August roadside survey begins Dove and duck banding begins	Federal waterfowl seasons are issued State Forest Nursery begins accepting seedling orders for spring planting	Watch for muskrats building huts and storing food		REAP city, county and private grants due Aug. 15, www.iowareap.com		Shorebirds begin migrating south																																																																																				
4	5 ●	6	7	8	9	10																																																																																				
Watch skies for swallows in large flocks	Hummingbirds prepare for migration by using feeders for the next 3-4 weeks		Outdoor Journey for Girls at Springbrook Conservation Education Center Aug. 7-9, 515-281-5918 or iowadnr.gov Ramadan ends	Waterfowl seasons presented to Iowa Natural Resource Commission Iowa State Fair begins 1915 Last log raft used by the lumber industry seen in Dubuque	Renew your magazine subscription at the DNR Building during the state fair Aug. 8-18																																																																																					
11	12	13 ●	14	15	16	17																																																																																				
	Perseid meteor shower peaks Aug. 12-13	1867 Hordes of grasshoppers reported in western Iowa	Deer tags on sale tomorrow	1963 Dutch Elm disease blamed for the deaths of thousands of trees in Iowa		Deer start to shed antler velvet; fawns start to lose spots																																																																																				
18	19 ●	20	21	22	23	24																																																																																				
Iowa State Fair ends		1804 The only death on the Lewis and Clark Expedition occurs in Iowa 1950 Earliest freeze record set across northern Iowa with 30°F in Britt and Sibley	Blue-winged teal and doves congregating for migration																																																																																							
25	26	27 ●	28	29	30	31																																																																																				
1916 National Park Service established by U.S. Congress	Pelican migration begins. Watch for flocks on reservoirs and large lakes A Wilson's phalarope, (Phalaropus tricolor) depends on North American prairie wetlands for breeding. -BY STANLEY BUMAN				Locust songs peak during August																																																																																					
					<p>JULY</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				<p>SEPTEMBER</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
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2013 SEPTEMBER

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
1 <i>Dove, rabbit and squirrel seasons open</i>	2 <i>Labor Day</i>	3 <i>REAP education grants due Nov. 1, www.iowareap.com Squirrels start cutting acorns from trees</i>	4 <i>1890 The Morrison Electric auto introduced to Iowans in a parade in Des Moines</i>	5 ●	6	7 <i>1953 Old Oscar, the 5-foot, 100-plus pound giant lake sturgeon always on display at the Iowa State Fair, dies</i>																																																																																				
8 <i>Take a family outing to view monarchs as they congregate for migration to Mexico</i>	9	10 <i>Take a child to the woods to watch squirrels, bluejays and chipmunks caching acorns</i>	11 <i>Patriot Day</i>	12 ●	13	14 <i>Plant conifers Sept. 10-30</i>																																																																																				
15 <i>Regional REAP Assemblies start Neotropical birds start to head south through end of month</i>	16 <i>Wood duck migration begins 1881 Earliest measurable snowfall set with 6-inch snowfall in western Iowa</i>	17 <i>1950 Ding Darling, famed cartoonist and conservationist, helps open Lake Darling State Park near Washington</i>	18 <i>1926 Unofficial one-day precipitation record set with 21.70-inch rain in Boyden</i>	19 ●	20 <i>Becoming an Outdoors Woman at Springbrook Conservation Education Center through Sunday, iowadnr.gov or 515-281-6159</i>	21 <i>Youth/disabled hunter season begins</i>																																																																																				
22 <i>Autumnal equinox - first day of autumn</i>	23	24	25 <i>First killing frost averages this date in extreme northern Iowa</i>	26 ●	27 <i>1909 Earthquake felt in eastern Iowa</i>	28 <i>Clad your kids in buckskin and head to the Fort Atkinson Rendezvous held through Sunday in Winneshiek County 1953 Iowa's latest official 100°F temperature day with 103°F at Glenwood</i>																																																																																				
29 <i>Peak season camping fees end</i>	30																																																																																									
		<i>A tiger swallowtail, common across the state, frequents forest edges.</i> -BY RON HUELSE		<div>AUGUST</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>		S	M	T	W	T	F	S					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	<div>OCTOBER</div> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
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COLETTI

2013 OCTOBER

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Campgrounds start shutting off water for the season		Fall deer and turkey archery season begins Bowhunter observation survey begins		1838 Chief Black Hawk dies at his home in Davis County		Ruffed grouse season opens Fly-fishing class Oct. 5-6 at Springbrook Conservation Education Center, 641-747-8383
6	7	8	9	10	11	12
Youth/disabled deer season ends		Quail form into coveys		Save money and energy—use programmable thermostats	Fall colors peak Oct. 12-20	Early muzzleloader deer season begins Lacey Keosauqua State Park Scenic Drive Festival this weekend, 319-293-3502
13	14	15	16	17	18	19
Plant broadleaf trees mid-October until the ground freezes	Fall turkey gun/bow season begins Columbus Day		Compost instead of burning leaves			Youth pheasant season Oct. 19-20
20	21	22	23	24	25	26
Early muzzleloader deer season closes First killing frost averages this date in extreme southeast Iowa	Squirrels begin building leaf nests				Oct 25-26 Bluegrass Festival and Fall Harvest Festival at Honey Creek Resort State Park, 1-877-677-3344 1949 Effigy Mounds National Monument designated by President Truman	Pheasant and quail seasons begin
27	28	29	30	31		
	Warm fall colors contrast against cool greens. -BY RON HUELSE			Halloween 1991 Halloween blizzard and ice storm lasts until Nov. 1, leaving 16 inches of snow in northwest Iowa with 60 mph gusts. Catastrophic ice storm from Clarinda to Forest City followed by bitter cold.		
					SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

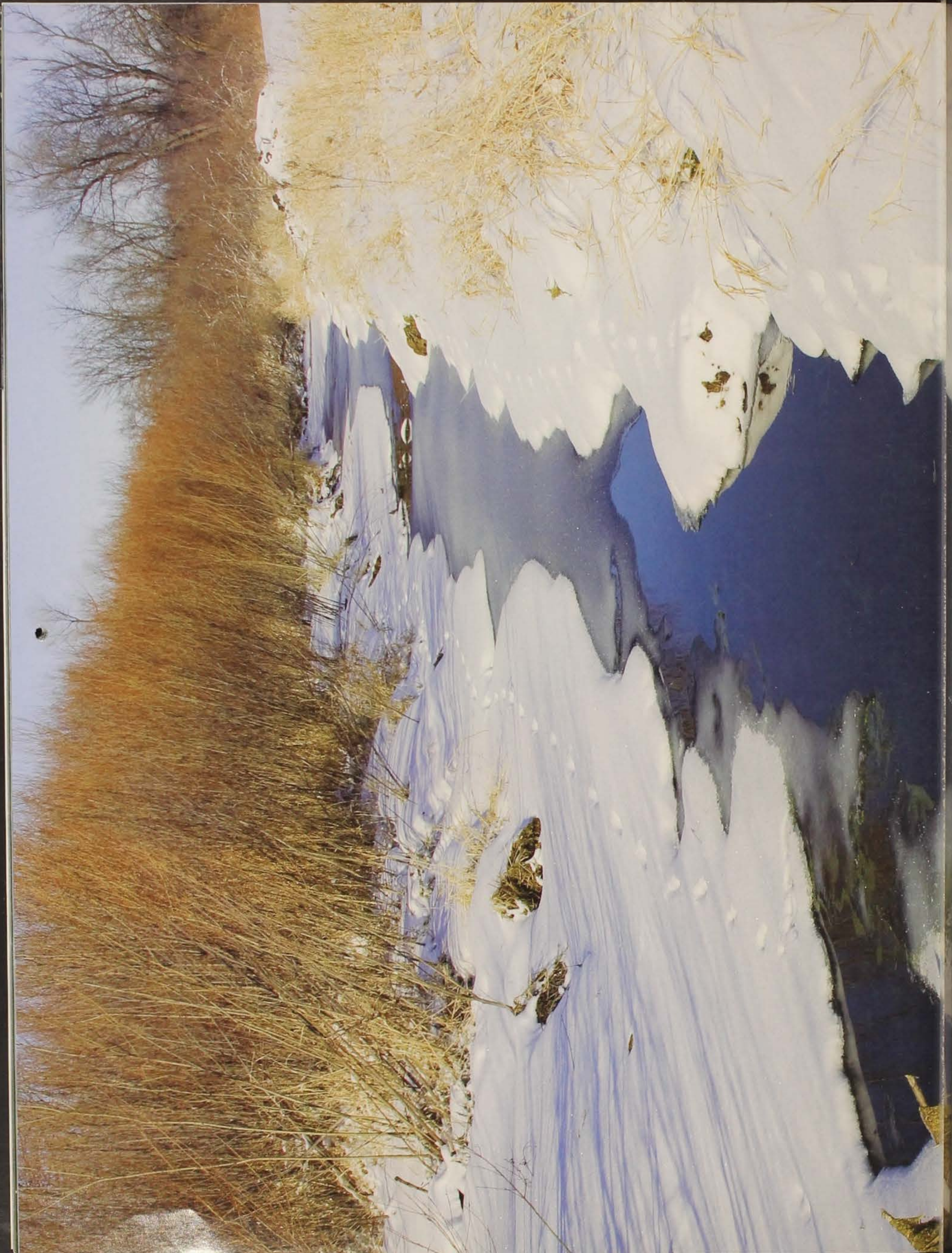




2013 NOVEMBER

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																										
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Daylight saving time ends	Peak of the deer rut begins	Election Day	Peak flights of duck migration Turn in poachers to TIP Hotline: 1-800-532-2020 or iowadnr.gov		All Saints' Day	Furbearer hunting and trapping seasons begin Dove season closes Save energy by replacing furnace filter																																										
10	11	12	13	14	15	16																																										
	Veterans Day 1940 Armistice Day blizzard kills duck hunters along Mississippi River, totaling 160 lives across the Midwest																																															
17	18	19	20	21	22	23																																										
Leonid meteor shower peaks Nov. 17-18					Mentored Outdoor Experience deer hunt, Springbrook Conservation Education Center, Nov. 22-24	Take a family outing to watch eagles along rivers																																										
24	25	26	27	28	29	30																																										
	Give Iowa Outdoors as a holiday gift; order at 1-800-361-8072 A short-eared owl in flight during twilight. -BY STANLEY BUMAN			Thanksgiving Day Hanukkah begins																																												
						<p>OCTOBER</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
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PROCEEDINGS

2013 DECEMBER

IOWA
OUTDOORS

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 ● <i>Muskie season closed on Iowa Great Lakes</i>	2 <i>Give Iowa Outdoors as a holiday gift— order at 1-800-361-8072.</i>	3 <i>First shotgun deer season closes</i>	4 <i>Last day of Hanukkah</i>	5 <i>Fall turkey gun/bow season closes Archery only turkey and deer seasons close</i>	6 <i>First shotgun deer season opens Pearl Harbor Remembrance Day</i>	7 <i>Christmas Bird Count through Jan. 5; audubon.org</i>
8 ● <i>2014 hunting and fishing licenses go on sale.</i>	9 <i>Late muzzleloader deer season begins</i>	10 <i>Nonresident antlerless deer holiday season, Dec. 24–Jan. 2.</i>	11 <i>Christmas</i>	12 <i>Geminid meteor shower peaks Dec. 13-14</i>	13 <i>Winter solstice—first day of winter</i>	14 <i>Second shotgun deer season begins</i>
15 <i>2014 hunting and fishing licenses go on sale.</i>	16 ● <i>Late split deer and fall turkey bow season reopens.</i>	17 <i>Nonresident antlerless deer holiday season, Dec. 24–Jan. 2.</i>	18 <i>Christmas</i>	19 <i>Geminid meteor shower peaks Dec. 13-14</i>	20 <i>Winter solstice—first day of winter</i>	21 <i>Second shotgun deer season begins</i>
22 <i>2014 hunting and fishing licenses go on sale.</i>	23 <i>Late split deer and fall turkey bow season reopens.</i>	24 ● <i>Nonresident antlerless deer holiday season, Dec. 24–Jan. 2.</i>	25 <i>Christmas</i>	26 <i>Geminid meteor shower peaks Dec. 13-14</i>	27 <i>Winter solstice—first day of winter</i>	28 <i>Second shotgun deer season begins</i>
29 <i>2014 hunting and fishing licenses go on sale.</i>	30 <i>Late split deer and fall turkey bow season reopens.</i>	31 <i>Nonresident antlerless deer holiday season, Dec. 24–Jan. 2.</i>				



Creekside animal tracks after a light snow.
—BY STANLEY BUMAN



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NOVEMBER

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JANUARY 2014

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DECEMBER 2012



JANUARY



FEBRUARY



MARCH



APRIL



MAY



JUNE



JULY



SEPTEMBER



OCTOBER



2013 AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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2013 CALENDAR

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NOVEMBER



DECEMBER